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CENTRAL FAX CENTER

AMENDMENTS TO THE CLAIMS

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) An apparatus for the delivery of a fetus comprising:
an obstetrical vacuum extractor with a pull-sensing handle grip, said grip comprising
means for measuring electronically the magnitude of the extraction force applied to the fetal head
during a vacuum extraction.
2. (original) The apparatus of Claim 1 wherein said means for measuring electronically
the magnitude of the extraction force is a strain gauge.
3. (original) The apparatus of Claim 1 further comprising:
means for producing an alarm when the extraction force exceeds a predetermined level.
4. (original) The apparatus of Claim 3 wherein said means for producing an alarm is a
speaker.

5. (currently amended) An apparatus for the delivery of a fetus comprising:
 - a bell-shaped vacuum cup;
 - a hollow, substantially rigid stem extending from said cup, said stem having a tang on the opposite end;
 - a separate handle grip attachable to that is detachable from the end of the stem, said handle having an opening through which said tang is inserted;
 - means for measuring the extraction forces exerted on the fetal head, said means contained in said handle grip; and means for transmitting said extraction forces.
6. (original) The apparatus of Claim 5 further comprising:
 - means for receiving said extraction forces.
7. (original) The apparatus of Claim 5 further comprising:
 - means for the graphic representation of said extraction forces.
8. (original) The apparatus of Claim 5 further comprising:
 - means for the emission of a warning signal when a pre-set time limit of continuous cup application is reached.
9. (original) The apparatus of Claim 5 wherein said means for measuring the extraction forces exerted on the fetal head is a strain gauge.

10. (original) The apparatus of Claim 5 wherein said means for transmitting said extraction forces is a wireless transmitter.

11. (original) The apparatus of Claim 6 wherein said means for receiving said extraction forces is a wireless receiver.

12. (original) The apparatus of Claim 7 wherein said means for the graphic representation of the extraction forces is a lap top computer with specific software.

13. (original) The apparatus of Claim 8 wherein said means for the emission of warning signal when a pre-set time limit of continuous cup application is reached is a lap top computer with a timer.

14. (original) The apparatus of Claim 5 further comprising:
means for producing an alarm when said extraction forces exceed a predetermined level.

15. (original) The apparatus of Claim 14 wherein said means for producing an alarm is a speaker.

16. (original) The apparatus of Claim 15 wherein said speaker is contained in said handle grip.

17. (currently amended) An apparatus for the delivery of a fetus comprising:
- a bell-shaped vacuum cup made of flexible material;
- a hollow, substantially rigid stem, extending from the cup and with a tang on the opposite end, which fits in the opening of the grip housing top;
- a separate handle grip ~~attachable to~~ that is detachable from the end of the stem, said handle grip comprising
- means for measuring the extraction forces on the fetal head, and
- means for transmitting said extraction forces;
- means for receiving said extraction forces;
- means for the graphic representation of said extraction forces;
- means for the emission of a warning signal when a pre-set time limit of continuous cup application is reached; and
- a tubing connected with one end to the stem and with the other to a vacuum source.

18. (original) The apparatus of Claim 17 wherein said handle grip further comprises means for producing an alarm when the extraction force exceeds a predetermined level.